EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"08/804619"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 13:37
L9	1466	375/141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L10	1353	(multi adj carrier with cdma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L11	38	L10 AND L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L12	0	((multi adj carrier) and (beam with forming) and cdma).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L13	1	"10/783893"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L14	2622	375/147	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:41
L15	46	(multi adj carrier with cdma) and ("same" adj user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39

L16	6	L15 AND L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:41
L17	1	"6400679".pn.	USPAT	OR	ON	2007/12/28 16:39
L18	8419	370/335	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L19	196	L10 AND L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L20	0	"juan a. torres"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L21	1	"mc.sup.2" with cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L22	0	fft with window with transfrm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L23	2511	370/208	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L24	4	L15 AND L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39

L25	369	"mc.sup.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L26	1	"5966644" .pn.	USPAT	OR	ON	2007/12/28 16:39
L27	2	((((multi adj carrier) or multicarrier or IFFT)) and (beam with forming) and cdma).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L28	108	L10 AND L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L29	3067	370/441	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L30	2	L15 AND L29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L31	2	((((multi adj carrier) or multicarrier)) and (beam with forming) and cdma).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L32	85	L10 AND L29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L33	207	tanaka.in. and (beam with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39

EAST Search History

L34	307	(multi adj code with cdma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L35	31	L10 and L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L36	1	L35 AND L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L37	8094	370/342	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L38	2363	fft with window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L39	10	L35 AND L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L40	454	multi adj carrier adj cdma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L41	111	(multi adj code adj cdma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39

L42	159	ifft and windowing with transform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L43	817	fft with window with transform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L44	0	("2005/0002441").URPN.	USPAT	OR	ON	2007/12/28 16:39
L45	24	multi adj code with multi adj carrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L46	8	L15 AND L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L47	13	tanaka.in. and (beam with antenna with multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L48	200	L10 AND L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L49	3	L35 AND L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L50	0	"97300516"	USPAT	OR	ON	2007/12/28 16:39
L51	62	L10 AND L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L52	0	("2006/0176859").URPN.	USPAT	OR	ON	2007/12/28 16:39

L53	18	(multi adj code with cdma) and (beam with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L54	12	L15 AND L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L55	3	"786890"	USPAT	OR	ON	2007/12/28 16:39
L56	2	"0786890"	USPAT	OR	ON	2007/12/28 16:39
L57	65	ifft with window with transform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L58	5	("20010005182"|"5973642"|"6134262"|"6226507"|"6397067"|"7031410").PN.	USPAT	OR	ON	2007/12/28 16:39
L59	13	"MC-DSSS"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L60	9	L15 AND L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L61	1	("6128276").PN.	USPAT	OR	ON	2007/12/28 16:39
L62	7	L35 AND L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L63	2	10/068524	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39

EAST Search History

L64	28	(multi adj carrier adj cdma) and ("same" adj user)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L65	7	L35 AND L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L66	6	L35 AND L29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L67	2	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:39
L68	1369	375/146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:41
L69	6	L15 AND L68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:43
L70	0	(multicarrier and users and ((orthogonal adj codes) and (beam adj forming) with zone)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:45
L71	1	(multicarrier and users and ((orthogonal adj codes) and (beam adj forming) with zone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 16:45

Google

multicarrier users "orthogonal codes" beamfon [Search]   Advanced Search
                                                            Preferences

---

Web Results **1 - 10** of about **187** for **multicarrier** <u>users</u> **"<u>orthogonal codes</u>"** beamforming <u>zone</u>. (**0.25** second!

MULTI-CARRIER CDMA TRANSMISSION SYSTEM AND TRANSMISSION METHOD ...

Codes that differ for every **user** are assigned as the **orthogonal codes** used in ..... of
users, which belong to the same directional **zone**, by **beam forming**, ...
www.freepatentsonline.com/EP1453229.html - 75k - Cached - Similar pages - Note this

(WO/2003/009576) METHOD AND APPARATUS FOR ORTHOGONAL CODE ...

As **users** terminate their calls within different frequency bands, then **Orthogonal codes**
may again free up and it is therefore important for any **multi-carrier** ...
www.wipo.int/pctdb/en/wo.jsp?WO=2003%2F009576&IA=WO2003%
2F009576&DISPLAY=DESC - 107k - Cached - Similar pages - Note this

2003 IEEE 58th Vehicular Technology Conference - Vehicular ...

A Low-Complexity **Beamforming** Algorithm for 3G Macro-cellular System to Reduce
Interferences from. High Data Rate **Users**.................................... ...
ieeexplore.ieee.org/iel5/9004/28568/01284965.pdf?arnumber=1284965 -
Similar pages - Note this

U. S. Center for Wireless Communications - Research for Mission ...

... Performance Evaluation of the novel GERAN Evolution **Multicarrier** ...... Pilot Bits and
Information Bits if **User** Specific **Beamforming** is used in UMTS FDD ...
b3g.org/docs/4G_Design_CD.htm - 234k - Cached - Similar pages - Note this

Delson Group

... Pilot Bits and Information Bits if **User** Specific **Beamforming** is used in UMTS·FDD .....
Investigation of Error Control Properties of **Orthogonal Codes** ...
delson.org/tmp/4G_Design_CD.htm - 245k - Cached - Similar pages - Note this

Channel Assignment - Combining Or Distributing Information Via ...

Where base stations have smart **beamforming** antenna capability and are ...... In a
multicarrier CDMA system, a data stream is divided into two or more ...
www.freshpatents.com/x1370335000psbc.php - 250k - Cached - Similar pages - Note this

Wireless Communications - Cambridge University Press

circular convolution, and discrete implementation of **multicarrier** .... diversity gain, and
beamforming in multiple-input multiple-output systems, 334–5 ...
www.cambridge.org/us/catalogue/catalogue.asp?isbn=9780521837163&ss=ind - 70k -
Cached - Similar pages - Note this

Accepted Papers

Robust wideband Capon **beamforming** in the presence of coherent interferences ... A Low
Complexity Differential Modulation Scheme Using Quasi-**Orthogonal Codes** ...
ispacs07.hqu.edu.cn/ispacs2007/acceptlist.html - 47k - Cached - Similar pages - Note this

Chapter 9 MULTIUSER SATELLITE COMMUNICATIONS

When non-**orthogonal codes** are used in a DS-CDMA system, **users** located ..... Space
division is provided via **beamforming** , which consists of com- ...
www.springerlink.com/index/l6332146p9703r45.pdf - Similar pages - Note this

Architecture of B3G Wireless Systems

systems, the **users** are multiplexed with **orthogonal codes** to distinguish **users** in **(multi-
carrier)** MC-. CDMA. However in MC-CDMA, each **user** can be allocated ...
doi.wiley.com/10.1002/0470024569.ch6 - Similar pages - Note this

1 2 3 4 5 6 7 8 9 10   **Next**

Try Google Desktop: search your computer as easily as you search the web.

---

multicarrier users "orthogonal codes [Search]

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve | Try Google Experimental

---

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google

drjatorres@gmail.com | My Notebooks | Web History | My Account | Sign out

Google

multicarrier users "orthogonal codes" beamfon [Search]   Advanced Search
Preferences

Web Results **1 - 10** of about **24** for **multicarrier** users "**orthogonal** codes" **beamforming** zone "**code multiple**

MULTI-CARRIER CDMA TRANSMISSION SYSTEM AND TRANSMISSION METHOD ...
applying **beam-forming** processing **user** by **user** and transmitting transmit data .... different
orthogonal codes are assigned to each **user, code multiplexing** is ...
www.freepatentsonline.com/EP1453229.html - 75k - Cached - Similar pages - Note this

EP1453229 Fujitsu european software patent - Multi-carrier cdma ...
Codes that differ for every **user** are assigned as the **orthogonal codes** used in ..... of
users, which belong to the same directional **zone**, by **beam forming**, ...
gauss.ffii.org/PatentView/EP1453229 - 83k - Cached - Similar pages - Note this

Channel Assignment - Combining Or Distributing Information Via ...
In a **multicarrier** CDMA system, a data stream is divided into two or more ...... A method
and apparatus for **code multiplexing** one or more control signals ...
www.freshpatents.com/x1370335000psbc.php - 250k - Cached - Similar pages - Note this

2003 IEEE 58th Vehicular Technology Conference - Vehicular ...
A Low-Complexity **Beamforming** Algorithm for 3G Macro-cellular System to Reduce
Interferences from. High Data Rate **Users**.................................... ...
ieeexplore.ieee.org/iel5/9004/28568/01284965.pdf - Similar pages - Note this

[PDF] Final Program
File Format: PDF/Adobe Acrobat - View as HTML
2 A Low-complexity **Beamforming** Algorithm for 3G. Macro-cellular System to Reduce
Interference from. High Data Rate **Users**. Takaaki Kishigami, Yasuaki Yuda, ...
www.ieeevtc.org/vtc2003fall/final_programme.pdf - Similar pages - Note this

(WO/2007/035176) WIDEBAND HOLOGRAPHIC COMMUNICATIONS APPARATUS AND ...
Preferably, the codes are **orthogonal codes** with the temporal coding of the ...... data
storage based on orthogonal phase **code multiplexing**" discloses an ...
www.wipo.int/pctdb/en/wo.jsp?wo=2007035176&IA=WO2007035176&DISPLAY=DESC - ,
215k - Cached - Similar pages - Note this

3G Mobile Cellular Technologies
IMT-2000 CDMA **Multi-carrier**, is also known as CDMA2000 and developed by 3GPP2. ......
To pave the way for the successful application of **orthogonal codes** in ...
doi.wiley.com/10.1002/0470024569.ch3 - Similar pages - Note this

[PDF] Final Programme
File Format: PDF/Adobe Acrobat
5 Time-and-Frequency-hopping Optical **Orthogonal Codes**. with Hierarchical Cross-
correlation ...... 2 **User** Selection for SDMA **Beamforming** with Imperfect ...
www.ieee-icc.org/2007/downloads/icc_ap.pdf - Similar pages - Note this

[PDF] ICC 2007 Advance Programme
File Format: PDF/Adobe Acrobat - View as HTML
Time-and-Frequency-Hopping Optical **Orthogonal Codes** with ...... **User** Selection for
SDMA **Beamforming** with Imperfect CSI in. MIMO-OFDM Systems ...
www.comsoc.org/confs/icc/2007/icc_ap.pdf - Similar pages - Note this

[DOC] 1 Introduction
File Format: Microsoft Word - View as HTML
In CDMA systems, **users** are simultaneously active on the same channel, differentiated by
their specific **orthogonal codes**. The orthogonality of these codes ...
www.itu.int/ITU-R/study-groups/docs/rwp8f-draft-tech-trends-report-en.doc -

---

Similar pages - Note this

1 2   **Next**

Try Google Desktop: search your computer as easily as you search the web.

---

multicarrier users "orthogonal codes [Search]

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve | Try Google Experimental

---

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google

IEEE *Xplore* ®
RELEASE 2.4

Welcome United States Patent and Trademark Office

Search Results BROWSE · SEARCH IEEE XPLORE GUIDE

Results for "((multicarrier and users and orthogonal codes and beamforming and zone and code multiplexing)<in&..."
Your search matched **0** of **1715275** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

New [Beta]
Application Notes
POWERED BY
SPEC

» **Search Options**

View Session History

New Search

» **Key**

IEEE JNL   IEEE Journal or Magazine

IET JNL   IET Journal or Magazine

IEEE CNF   IEEE Conference Proceeding

IET CNF   IET Conference Proceeding

IEEE STD   IEEE Standard

Modify Search

|((multicarrier and users and orthogonal codes and beamforming and zone and code r   Search,

☐ Check to search only within this results set

Display Format: ⦿ Citation   ◯ Citation & Abstract

| IEEE/IET | Books | Educational Courses | A |

IEEE/IET journals, transactions, letters, magazines, conference proceedings, and

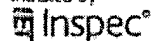⌐ view selected items   **Select All** **Deselect All**

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistan
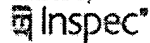
Help   Contact Us

Indexed by
Inspec

IEEE *Xplore* ®
RELEASE 2.4

:□ Search Results

BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "((orthogonal codes and beamforming)<in>metadata)"
Your search matched **10** of **1715275** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

New [Beta]
Application Notes
POWERED BY
SPEC

» Search Options

View Session History

New Search

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

((orthogonal codes and beamforming)<in>metadata) | Search |

□ Check to search only within this results set

Display Format: ⦿ Citation ○ Citation & Abstract

IEEE/IET	Books	Educational Courses	A

IEEE/IET journals, transactions, letters, magazines, conference proceedings, and

⌐ **view selected items**   Select All Deselect All

□ 1. **Combining beamforming and quasi-orthogonal space-time block coding feedback**
Liu, L.; Jafarkhani, H.;
Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE
Volume 4, 1-5 Dec. 2003 Page(s):1925 - 1930 vol.4
Digital Object Identifier 10.1109/GLOCOM.2003.1258573

AbstractPlus | Full Text: PDF(395 KB) IEEE CNF
Rights and Permissions

□ 2. **High performance antenna array algorithm for DS/CDMA communication**
Shang-Chieh Liu; Geraniotis, E.;
Vehicular Technology Conference, 1997 IEEE 47th
Volume 2, 4-7 May 1997 Page(s):1173 - 1176 vol.2
Digital Object Identifier 10.1109/VETEC.1997.600515

AbstractPlus | Full Text: PDF(316 KB) IEEE CNF
Rights and Permissions

□ 3. **Application of orthogonal codes to the calibration of active phased array communication satellites**
Silverstein, S.D.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and S Transactions on]
Volume 45, Issue 1, Jan. 1997 Page(s):206 - 218
Digital Object Identifier 10.1109/78.552217

AbstractPlus | References | Full Text: PDF(560 KB) IEEE JNL
Rights and Permissions

□ 4. **A simple transmit beamforming technique by beam identification based the receiver**
Ho Yang;
Consumer Communications and Networking Conference, 2005. CCNC. 2005
3-6 Jan. 2005 Page(s):574 - 576
Digital Object Identifier 10.1109/CCNC.2005.1405240

AbstractPlus | Full Text: PDF(645 KB) IEEE CNF
Rights and Permissions

□ 5.
Orthogonal coding for the pilot symbol of MMSE adaptive antenna for W
Hashimoto, Y.; Fujino, Y.; Kuwahara, Y.;
TENCON 2004. 2004 IEEE Region 10 Conference
Volume A, 21-24 Nov. 2004 Page(s):499 - 502 Vol. 1

Digital Object Identifier 10.1109/TENCON.2004.1414466

·AbstractPlus | Full Text: PDF(1906 KB)   IEEE CNF
Rights and Permissions

6. **On the optimality and performance of transmit and receive space divers**
Wennstrom, M.; Helin, M.; Rydberg, A.; Oberg, T.;
MIMO: Communications Systems from Concept to Implementations (Ref. No.
12 Dec. 2001 Page(s):4/1 - 4/6

AbstractPlus | Full Text: PDF(384 KB)   IET CNF

7. **Adaptive beamforming for CDMA wireless communications using correl**
Litva, J.; Sandhu, A.; Lo, T.;
Antennas and Propagation Society International Symposium, 1997. IEEE., 19
Volume 1, 13-18 July 1997 Page(s):338 - 341 vol.1
Digital Object Identifier 10.1109/APS.1997.630156

AbstractPlus | Full Text: PDF(200 KB)   IEEE CNF
Rights and Permissions

8. **Performance Analysis of Coded MIMO-OFDM Systems Over Generalized**
Loskot, P.; Beaulieu, N.C.;
. Electrical and Computer Engineering, Canadian Conference on
May 2006 Page(s):1634 - 1639
Digital Object Identifier 10.1109/CCECE.2006.277783

AbstractPlus | Full Text: PDF(182 KB)   IEEE CNF
Rights and Permissions

9. **Outage capacity with two-bit channel feedback for a two-transmit and si**
system
Moustakas, A.L.; Simon, S.H.;
Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE
Volume 2, 1-5 Dec. 2003 Page(s):844 - 848 Vol.2
Digital Object Identifier 10.1109/GLOCOM.2003.1258358

AbstractPlus | Full Text: PDF(293 KB)   IEEE CNF
Rights and Permissions

10. **An eigenvalue decomposition and interference cancellation array proce:**
mobility CDMA communications
Shang-Chieh Liu; Geraniotis, E.;
Signal Processing Advances in Wireless Communications, 1997 First IEEE S
on
16-18 April 1997 Page(s):205 - 208
Digital Object Identifier 10.1109/SPAWC.1997.630284

AbstractPlus | Full Text: PDF(344 KB)   IEEE CNF
Rights and Permissions   ·

Help   Contact Us

Indexed by
Inspec°

SCIrUS
for scientific information only

The Power of
EMBASE + MEDLINE
Combined

EMBASE.com

| About Us | Newsroom | Advisory Board | Submit Web Site | Help | | Contact Us |

Basic Search

Advanced Search   Search Preferences

multicarrier AND users AND "orthogonal codes" AND b︳   [Search]

☑ Journal sources   ☑ Preferred Web sources   ☑ Other Web sources   ☐ Exact phrase

---

Sorry, your query - multicarrier AND users AND "orthogonal codes" AND beamforming AND zone AND "code multiplexing" has not produced any result

Did you mean: multicarrier users "orthogonal codes" _beam forming_ zone "code multiplexing"

Before searching again, using the same or similar keywords, you may helpful to:

• **check the selected sources, information types and subject areas, the selection may not contain results matching your query**
• **check the spelling of all words**
• **spell words in a different way, for example using American spelling**
• **write abbreviations and acronyms in full**
• **use alternative words that have the same meaning**
• **search using fewer or more general words**

SCIrUS
for scientific information only

| About Us | Newsroom | Advisory Board | Submit Web Site | Help | | Contact Us |

Basic Search   Advanced Search   Search Preferences

multicarrier AND users AND "orthogonal codes" AND b⟨   [Search]

☑Journal sources ☑Preferred Web sources ☑Other Web sources ☐Exact phrase

Searched for:: :All of the words:**multicarrier** AND **users** AND **"orthogonal codes"** AND **beamforming** AND :

Found:: :**25 total | 0 journal results | 12 preferred web results | 13 other web results**

Sort by:: :**relevance** | date

[Save checked results]———[Email checked results]———[Export checked results]——▸

☐ **1.** <u>CLOSED LOOP MIMO SYSTEMS AND METHODS</u>
TONG, Wen / JIA, Ming / MA, Jianglei / ZHU, Peiying / XU, Hua / YU, Dong-Sheng / ZHANG, Hang / FONG, Mo-Han (NORTEL NETWORKS LIMITED), *PATENT COOPERATION TREATY APPLICATION*, Dec 2005
patno:WO05125044
...receive antennas for either one or multiple **users**. New advances in MIMO OFDM systems are...PUSC (partial utilization sub- channel) **zone** in accordance with an embodiment of the...embodiment of the invention for multiple **users**, Figure 42 contains a table of various...
Full text available at patent office. For more in-depth searching go to ⬤ˑLexisNexisˑ
<u>view all 12 results from Patent Offices</u>
<u>similar results</u>

☐ **2.** <u>Highly bandwidth-efficient communications</u>
Agee, Brian G. / Bromberg, Matthew / Naish, Robert Ray / Nix, David J. / Ryan, David James / Stephenson, David / Gerlach, Derek / (...) / Mechaley, Robert G. (Cingular Wireless II, LLC), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Dec 2006
patno:US7149238
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
Full text available at patent office. For more in-depth searching go to ⬤ˑLexisNexisˑ
<u>view all 12 results from Patent Offices</u>
<u>similar results</u>

☐ **3.** <u>Highly bandwidth-efficient communications</u>
Agee, Brian G. / Bromberg, Matthew / Naish, Robert Ray / Nix, David J. / Ryan, David James / Stephenson, David / Gerlach, Derek / (...) / Mechaley, Robert G. (Cingular Wireless II, LLC), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Sep 2006
patno:US7106781
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
Full text available at patent office. For more in-depth searching go to ⬤ˑLexisNexisˑ
<u>view all 12 results from Patent Offices</u>
<u>similar results</u>

Dic
mu
"or
fo

Re
us
fol
am
ani
cor
bai
bai
bei
cel
chi
cor
dei
err
fac
nei
ph·
pri
rer
wir

Or
Al

[F

☐ **4.** <u>HIGHLY BANDWIDTH-EFFICIENT COMMUNICATIONS</u>
Agee, Brian G. / Bromberg, Matthew / Naish, Robert Ray / Nix, David J. / Ryan, David James / Stephenson, David / Gerlach, Derek / (...) / Mechaley, Robert G., *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION,* Aug 2006
patno:US20060193373
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
Full text available at patent office. For more in-depth searching go to ⬤ LexisNexis·
<u>view all 12 results from Patent Offices</u>
<u>similar results</u>

☐ **5.** <u>Vertical adaptive antenna array for a discrete multitone spread spectrum communication system</u>
Alamouti, Siavash / Becker, Joel E. / Stolarz, Douglas Frank (Cingular Wireless II, LLC), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT,* Jun 2006
patno:US7061969
Two or more antenna elements are arranged in the vertical direction to give vertical spatial adaptivity to a wireless discrete multitone spread spectrum communications system. The system is based on a combination of Discrete Multitone Spread Spectrum ...
Full text available at patent office. For more in-depth searching go to ⬤ LexisNexis·
<u>view all 12 results from Patent Offices</u>
<u>similar results</u>

☐ **6.** <u>Wireless Communications - Cambridge University Press</u> [69K]
Andrea Goldsmith , Apr 2007
...probability theory, 578 **beamforming**, and multiple-input...implementation of **multicarrier** modulation, 383...codes, 262 and **multicarrier** modulation, 381...nonorthogonal codes **orthogonal codes** Reed-Solomon...for multiple **users**, 474–6 and...transform (DFT), and **multicarrier** modulation, 383...diversity gain, and **beamforming** in multiple-input...
[http://www.cambridge.org/asia/catalogue/catalogue.asp?...]
<u>more hits from</u> [http://www.cambridge.org]
<u>similar results</u>

☐ **7.** <u>Electronic Journal Tables of Contents. : IEEE Transactions on Vehicular Technology</u> [136K]
Sep 2007
...paper, we propose adaptive **beamforming** schemes for orthogonal frequency-division...as virtual carriers). The **beamforming** weight vector is the &#x201Clargest...of the scheme using optimal **beamforming** weight vectors that are calculated...long-term average throughput of **users**. Monte Carlo simulation results...
[http://www.library.dmu.ac.uk/Resources/News/index.php?...]
<u>similar results</u>

☐ **8.** <u>Reader.dvi</u> [PDF-4MB]
Mar 2005
...306 10.4 MIMO Diversity Gain: **Beamforming**...340 12 **Multicarrier** Modulation 350 12.1 Data Transmission using Multiple Carriers...
[http://wsl.stanford.edu/andrea/Wireless/Book.pdf]
<u>similar results</u>

☐ **9.** <u>Microsoft Word - Research_Report_2003.doc</u> [PDF-828K]
Apr 2004
...services in the Internet for a large number of **users** • Network security Multimedia Communications...applications designed for one or several **users**. Because they enable us to compress, code...Communications Mobile communications aim at freeing **users** from the constraints of their location...
[http://www.eurecom.fr/resources/documents/0_Institut/M...]
<u>more hits from</u> [http://www.eurecom.fr]
<u>similar results</u>

☐ **10.** <u>HIGHLY BANDWIDTH-EFFICIENT COMMUNICATIONS</u>
AGEE, Brian G. / BROMBERG, Matthew / GERLACH, Derek / GIBBONS, David / GOLDEN, James, Timothy / HO, Minni / HOOLE, Elliott / (...) / STEPHENSON,

David (Cingular Wireless II, LLC), *EUROPEAN PATENT*, Dec 1999
patno:EP966797
...population of **users**. Examples...embodiments, **orthogonal codes** are used...talk. If **orthogonal codes** are not employed...Digital **beamforming** is used to...Digital **Beamforming** in Wireless...multiplicity of **users** over one...
Full text available at patent office. For more in-depth searching go to ⬤ LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **11.** Annual Report [PDF-3MB]
Aug 2000
·He undertook his graduate work at the University of Maryland, College Park, Maryland, receiving the MS degree in 1982 and the Ph.D. degree in 1984. Since then he has been on the faculty of the department of Electrical and Computer Engineering at the University of California, San Diego.
[http://cwc.ucsd.edu/pdfs/2000_Annual_Report.pdf]
similar results

☐ **12.** Priority messaging method for a discrete multitone spread spectrum communications system
Agee, Brian G. / Bromberg, Matthew / Gerlach, Derek / Gibbons, David / Golden, James Timothy / Ho, Minnie / Hoole, Elliott / (...) / Stephenson, David (AT&T Wireless Services, Inc.), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Sep 2003
patno:US6621851
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
Full text available at patent office. For more in-depth searching go to ⬤ LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **13.** Vertical adaptive antenna array for a discrete multitone spread spectrum communications system
Alamouti, Siavash / Becker, Joel E. / Stolarz, Douglas Frank (AT&T Wireless Services, Inc.), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Aug 2004
patno:US6782039
...despreading, in accordance with one aspect of the PWAN system, to distinguish the white data from the black data. The first **users** unique code "1" and the relative phase delays·in the arrival of the white data to the four array elements A, B, C, and D is...
Full text available at patent office. For more in-depth searching go to ⬤ LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **14.** Method of polling second stations for functional quality and maintenance data in a discrete multitone spread spectrum communications system
Hoole, Elliott / Jesse, Mary / Mechaley, Robert G. / Ryan, David James / Stephenson, David (AT&T Wireless Services, Inc.), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Nov 2002
patno:US6480522
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
· **Full text available at patent office. For more in-depth searching go to** ⬤ LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **15.** Vertical adaptive antenna array for a discrete multitone spread spectrum communications system
Alamouti, Siavash / Becker, Joel E. / Stolarz, Douglas Frank (AT&T Wireless Services, Inc.), *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Jul 2003

patno:US6600776
Two or more antenna elements are arranged in the vertical direction to give vertical spatial adaptivity to a wireless discrete multitone spread spectrum communications system. The system is based on a combination of Discrete Multitone Spread Spectrum ...
Full text available at patent office. For more in-depth searching go to ● LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **16.** Highly bandwidth-efficient communications
Agee, Brian G. / Bromberg, Matthew / Naish, Robert Ray / Nix, David J. / Ryan, David James / Stephenson, David / Gerlach, Derek / (...) / Mechaley, Robert G., *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Sep 2002
patno:US20020122465
...to service a large number of **users**. Techniques that may be combined...fixed remote terminals serving **users**, while the boxes marked 12...accommodate a large number of **users**. The airlink, shown as 13 in...it is not necessary to use **orthogonal codes**. In fact, in most embodiments...
Full text available at patent office. For more in-depth searching go to ● LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **17.** IEEE Transactions on Information Theory [3MB]
Apr 2006
...p. 550 - 559   A new class of zero-correlation **zone** sequences by: Hideyuki Torii, Makoto Nakamura, Naoki Suehiro...Vinck   v. 50   i. 5   p. 887 - 895   On **multicarrier** signals where the PMEPR of a random codeword is asymptotically...
[http://wotan.liu.edu/docis/dbl/itinte/index.html]
similar results

☐ **18.** @TECHREPORT{CERT02:Overview, AUTHOR="C. E. RT Coordination Center",... [ASCII-3MB]

May 2006
Much has changed since then, from our technology to the makeup of the Internet user community, to attack techniques. In this paper, we give a brief overview of recent trends that affect the ability of organizations (and individuals) to use the Internet safely.",
URL="http://www.cert.
[http://www.cs.columbia.edu/~hgs/bib/net02.bib]
similar results

☐ **19.** HIGHLY BANDWIDTH-EFFICIENT COMMUNICATIONS
AGEE, Brian G. / BROMBERG, Matthew / GERLACH, Derek / GIBBONS, David / GOLDEN, James, Timothy / HO, Minni / HOOLE, Elliott / (...) / STEPHENSON, David (AT & T WIRELESS SERVICES, INC.), *PATENT COOPERATION TREATY APPLICATION*, Aug 1998
patno:WO9837638
...population of **users**. Examples...embodiments, **orthogonal codes** are used...talk. If **orthogonal codes** are not employed...Digital **beamforming** is used to...Digital **Beamforming** in Wireless...multiplicity of **users** over one...
Full text available at patent office. For more in-depth searching go to ● LexisNexis·
view all 12 results from Patent Offices
similar results

☐ **20.** Wireless Communications - Cambridge University Press [70K]
Apr 2007
...probability theory, 578 **beamforming**, and multiple-input...implementation of **multicarrier** modulation, 383...codes, 262 and **multicarrier** modulation, 381...nonorthogonal codes **orthogonal codes** Reed-Solomon...for multiple **users**, 474–6 and...transform (DFT), and **multicarrier** modulation, 383...diversity gain, and **beamforming** in multiple-input...
[http://www.cambridge.org/aus/catalogue/catalogue.asp?i...]
similar results

∷fast

multicarrier AND users AND "orthogonal codes" AND b| Search

☑ Journal sources   ☑ Preferred Web sources   ☑ Other Web sources   ☐ Exact phrase

Correspondence Address for 10/783893

Customer Number	Contact Information	Address
26304 Delivery Mode: <u>PAPER</u>	Telephone: (212)940-8800 Fax: No Fax # E-Mail: No E-Mail Address	KATTEN MUCHIN ROSENMAN LLP 575 MADISON AVENUE NEW YORK NY 10022-2585

[Appln Info] [Contents] [Petition Info] [Atty/Agent Info] [Continuity/Reexam] [Foreign D

Search Another: Application #

[Search]

or Patent#   [Search]

PCT /   **/**   [Search]   **or PG PUBS #**

[Search]

Attorney Docket #   [Search]

Bar Code #   [Search]

To go back, right click here and select Back. To go forward, right click here and select Forward. To refresh, right click here and select Refresh.

Back to <u>OASIS</u> | Home page

Continuity/Reexam Information for 10/783893

Parent Data
No Parent Data

Child Data
No Child Data

[Appln.Info] [Contents] [Petition Info] [Atty/Agent Info] Continuity/Reexam [Foreign Data]

Search Another: Application # _____ **or Patent#** [Search]
[Search]

PCT / _____ / _____ [Search]   **or PG PUBS #**
[Search]

Attorney Docket # |_____| [Search]

Bar Code # |_____| [Search]

To go back, right click here and select Back. To go forward, right click here and select Forward. To refresh, right click here and select Refresh.
Back to OASIS | Home page

Foreign Information for 10/783893

No Foreign Data

| Appln Info | Contents | Petition Info | Atty/Agent Info | Continuity/Reexam | Foreign Data |

Search Another: Application #
Search

or Patent#   Search

PCT /   /   Search   **or PG PUBS #**
Search

Attorney Docket #   Search

Bar Code #   Search

To go back, right click here and select Back. To go forward, right click here and select Forward. To refresh, right click here and select Refresh.
Back to OASIS | Home page

Inventor Information for 10/783893

Inventor Name	City	State/Country
SEKI, HIROYUKI	KAWASAKI	JAPAN
JITSUKAWA, DAISUKE	KAWASAKI	JAPAN
TANAKA, YOSHINORI	KAWASAKI	JAPAN

[Appln Info] [Contents] [Petition Info] [Atty/Agent Info] [Continuity/Reexam] [Foreign [

Search Another: Application #
[Search]

or Patent#　　[Search]

PCT / 　　　/ 　　 [Search]　　**or PG PUBS #**
[Search]

Attorney Docket #　　　　　　[Search]

Bar Code #　　　[Search]

To go back, right click here and select Back. To go forward, right click here and select Forward. To refresh, right click here and select Refresh.
Back to OASIS | Home page

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = JITSUKAWA
First Name = DAISUKE

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10233180	7209512	150	08/28/2002	CDMA RECEIVER, AND SEARCHER IN A CDMA RECEIVER	JITSUKAWA, DAISUKE
10699593	Not Issued	61	10/30/2003	Transmitting diversity system	JITSUKAWA, DAISUKE
10783893	Not Issued	120	02/20/2004	Multicarrier CDMA transmission system and transmission method	JITSUKAWA, DAISUKE
10859743	Not Issued	61	05/28/2004	Transmission diversity communication system	JITSUKAWA, DAISUKE
10872314	Not Issued	41	06/17/2004	Feedback control method and apparatus in closed-loop transmit diversity	JITSUKAWA, DAISUKE
11020417	7003415	150	12/27/2004	DELAY PROFILE ESTIMATION APPARATUS AND A CORRELATING UNIT	JITSUKAWA, DAISUKE
11233189	Not Issued	30	09/22/2005	Multiple-input multiple-output transmission system	JITSUKAWA, DAISUKE
11377497	Not Issued	30	03/16/2006	Retransmission control method and transmitter in wireless communication system	JITSUKAWA, DAISUKE
11392647	Not Issued	30	03/30/2006	Receiver for orthogonal frequency division multiplexing transmission	JITSUKAWA, DAISUKE
11487352	Not Issued	30	07/17/2006	Wireless communication device and wireless communication method	JITSUKAWA, DAISUKE
11600824	Not Issued	30	11/17/2006	Radio transmission apparatus and method of inserting guard interval	JITSUKAWA, DAISUKE
11601758	Not Issued	30	11/20/2006	Radio transmission method, radio reception method, radio transmission apparatus and radio reception apparatus	JITSUKAWA, DAISUKE
11738579	Not Issued	25	04/23/2007	PILOT SIGNAL TRANSMISSION METHOD AND MOBILE COMMUNICATION SYSTEM	JITSUKAWA, DAISUKE

| 11808326 | Not Issued | 20 | 06/08/2007 | Transmission apparatus, reception apparatus, and transmission/reception method for same | JITSUKAWA, DAISUKE |
| 11819259 | Not Issued | 17 | 06/26/2007 | Repeat request control apparatus | JITSUKAWA, DAISUKE |

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
JITSUKAWA	DAISUKE	Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

PALM Intranet

Application Number   [Submit]

IDS Flag Clearance for Application 10783893

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
WIDS	2007-07-12	36	Y ☑	2007-12-28 13:28:40.0	jtorres1
WIDS	2007-07-12	35	Y ☑	2007-12-28 13:30:31.0	jtorres1
WIDS	2004-07-06	15	Y ☑	2007-05-09 00:00:00.0	CR #232884
WIDS	2004-04-27	14	Y ☑	2007-05-09 00:00:00.0	CR #232884
WIDS	2004-02-20	13	Y ☑	2007-05-09 00:00:00.0	CR #232884
[Update]					